NAVSUP
NAVAL SUPPLY SYSTEMS COMMAND

Automatic Identification Technology Meeting

UNITED STATES NAVY SERIAL NUMBER TRACKING
SNT

Ready. Resourceful. Responsive!

LCDR Matt Mullins
U.S. NAVY
7 August 2002

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NAVAL SUPPLY SYSTEMS COMMAND

Outline

UNITED STATES NAVY SERIAL NUMBER TRACKING
SNT

- Background/Overview
- Aviation Rollout
- SAP/AIT/SNT Interface
- Other Interfaces
- Contract Changes
- SNT Web Page
- ERP/SAP 2.5
- Summary

viation Maintenance-Supply Review (AMSR)

" In March 1998, the Aviation-Maintenance Supply Readiness Study Group was formed to examine AVDLR concerns and recommended specific actions to reduce overall maintenance and supply costs, increase readiness and provide systemic improvements to support Naval Aviation of the 21st Century."

Serial Number Tracking: AMSR Issue 16LT(a)

18 Issues:

1. Readiness Metrics
2. Customer Focused Metrics
3. ILS Metric Reporting Improvements
4. Data Integrity Improvement
5. Moving ILS Away From Planeside
6. ILS Health Maintenance
7. Core Depot Workload
8. Av. Configuration Management
9. A/C and Engine Shortfalls
10. LECP Management
11. Broad Arrow Management
12. Cannibalization
13. RBS Enhancement
14. Consumable Material Shortfalls
15. O&I Maintenance Manning
16. **AVDLR Cost and Reliability**
17. Flying Hour Program
18. Aviation Maintenance - Supply Func

Overview

Definition: ***Closed-loop, cradle-to-grave tracking maintenance critical, serialized components, prov asset visibility and material status, and enabled b automatic identification technology***

Major Benefits:

Maintenance

- Identify Maintenance Deficiencies
- Measure Reliability
- Accurate Record Configuration
- Identify Latent Defects
- Determine Training Requirements
- Assist Engineering Investigations

Supply

- Assess Repair Turn Around Time
- Decrease Misidentification and Lo
- Warranty Management
- Predict Parts Requirements
- Better Procurement Decisions
- Measure Reliability
- Achieve Total Asset Visibility

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Aviation Asset/Information Flow

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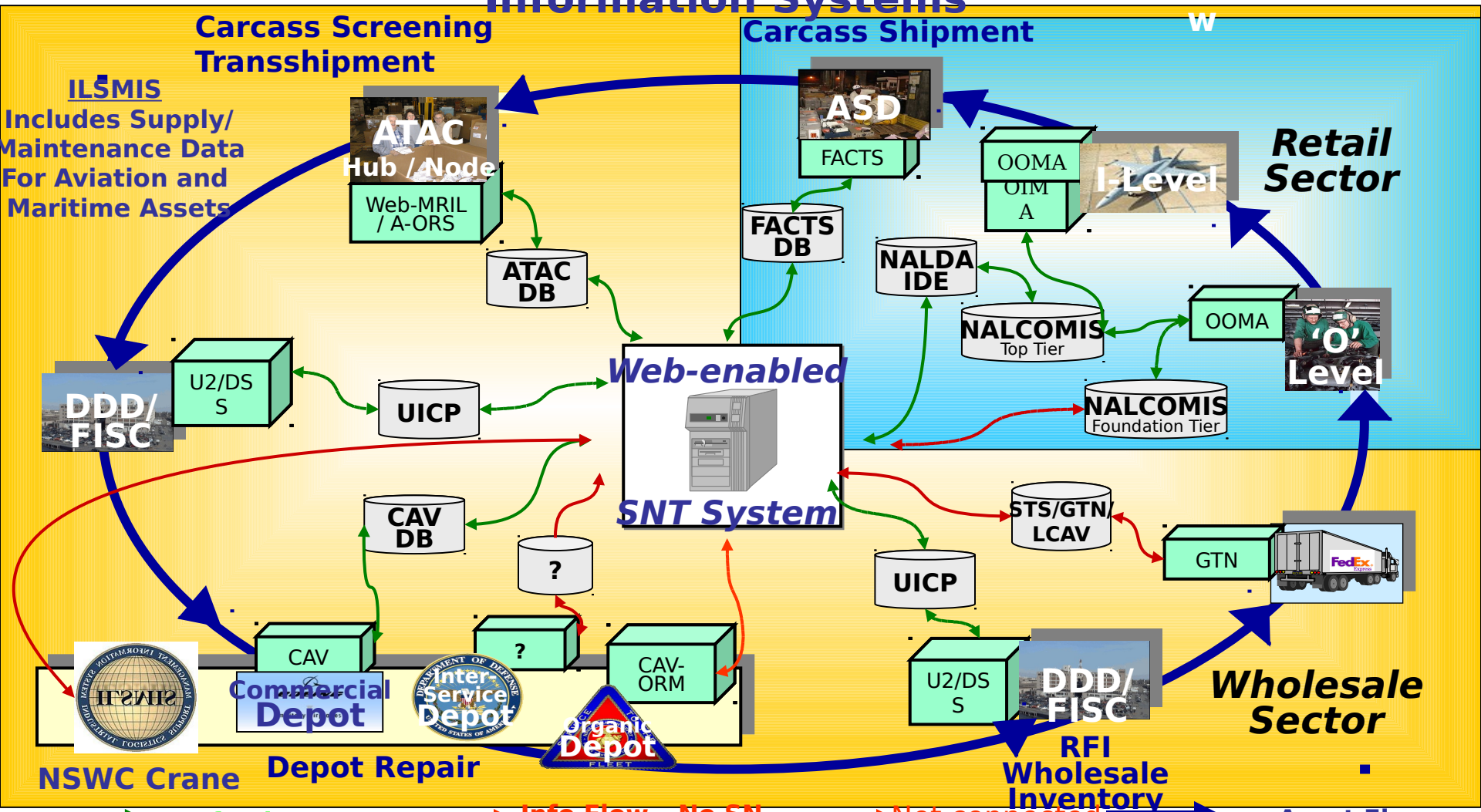
Information Systems Overview



SUPPLY/AVIATION 5 Year Plan

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Rollout

MH-53E	46	170	9,775	$152,783.25	$272,412.00	$136,000.00	$605,932.55
CH-53E	164	170	34,850	$544,705.50	$817,236.00	$136,000.00	$1,597,820.10
CH-53D	44	104	5,720	$89,403.60	$272,412.00	$83,200.00	$486,995.50
All H-60	342	300	128,250	$2,004,547.50	$3,268,944.00	$240,000.00	$5,665,423.90
S-3B	111	400	55,500	$867,465.00	$708,271.20	$320,000.00	$1,712,510.98
EA-6B	16	469	9,380	$146,609.40	$163,447.20	$375,200.00	$706,871.12
MH-1W	194	196	47,530	$742,893.90	$898,959.60	$156,800.00	$1,757,972.56
HH/UH-1N	126	132	20,790	$324,947.70	$599,306.40	$105,600.00	$1,029,922.26
[illegible]	230	70	20,125	$314,553.75	$926,200.80	$56,000.00	$1,383,940.57
CH/HH/UH-46	79	70	6,913	$108,042.38	$435,859.20	$56,000.00	$599,552.66
EA-6B	124	144	22,320	$348,861.60	$1,035,165.60	$115,200.00	$1,659,147.94
MV/CV/HV-22	458	203	116,218	$1,816,479.53	$3,922,732.80	$162,400.00	$6,254,890.39
AV-8	172	921	198,015	$3,094,974.45	$871,718.40	$736,800.00	$4,899,087.53
F-14A/B/D	193	200	48,250	$754,147.50	$871,718.40	$160,000.00	$1,940,564.86
P-3's	264	75	24,750	$386,842.50	$1,797,919.20	$60,000.00	$2,452,987.68
Cargo	295	175	64,531	$1,008,623.44	$2,724,120.00	$140,000.00	$4,297,527.69
Trainers	515	129	83,044	$1,297,973.81	$817,236.00	$103,200.00	$2,369,150.46
E-2C	75	145	13,594	$212,470.31	$1,525,507.20	$116,000.00	$1,969,874.10
C-2A	38	145	6,888	$107,651.63	$217,929.60	$116,000.00	$463,500.85
F-18ABCD	745	200	186,250	$2,911,087.50	$4,794,451.20	$160,000.00	$8,327,383.34
F-18EF	548	240	164,400	$2,569,572.00	$2,179,296.00	$192,000.00	$5,2[illegible]6,021.20
Misc Support							$2,80[illegible]6,000.00
Total			1,267,091	$19,804,636.24	$29,120,842.80	$3,726,400.00	$58,211,345.83

Total # of Items marked 1,267,091

SNT Implementation Cost = $58,211,346

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SAP/AIT Maintenance Data Collection

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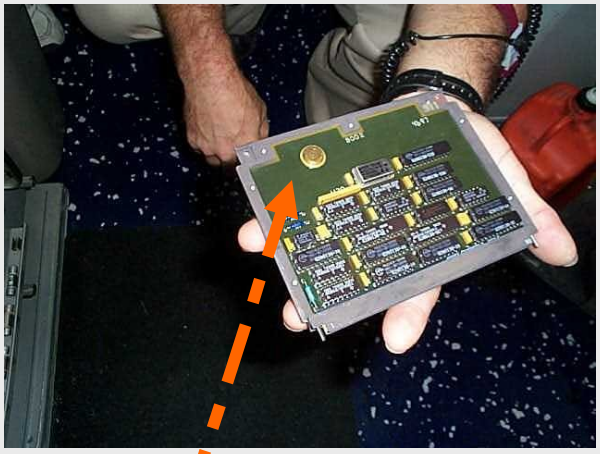
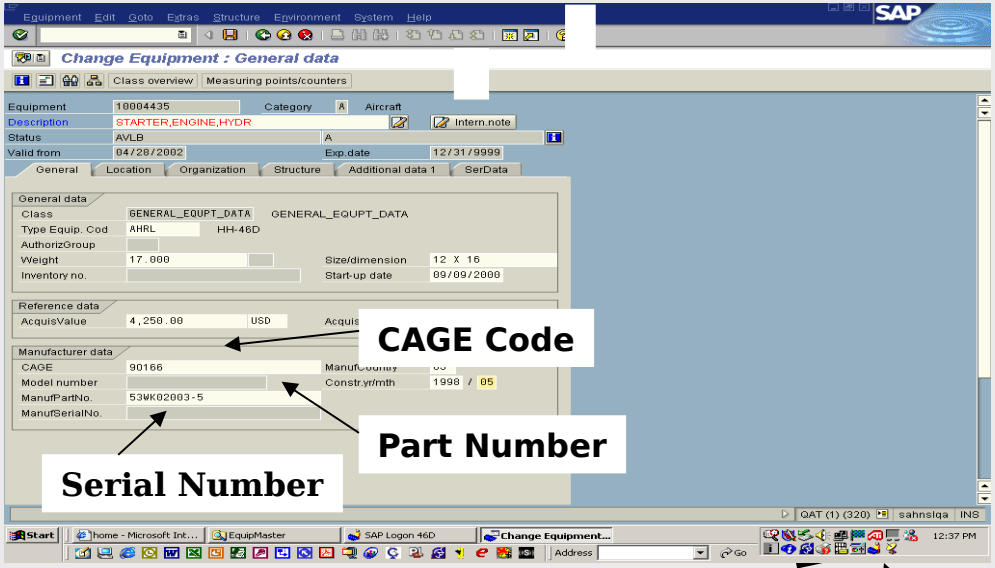
SNT

SAP Interface





Button Readers

SAP 2.0 Plant Maintenance Equipment master

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SAP/AIT Supply Data Collection

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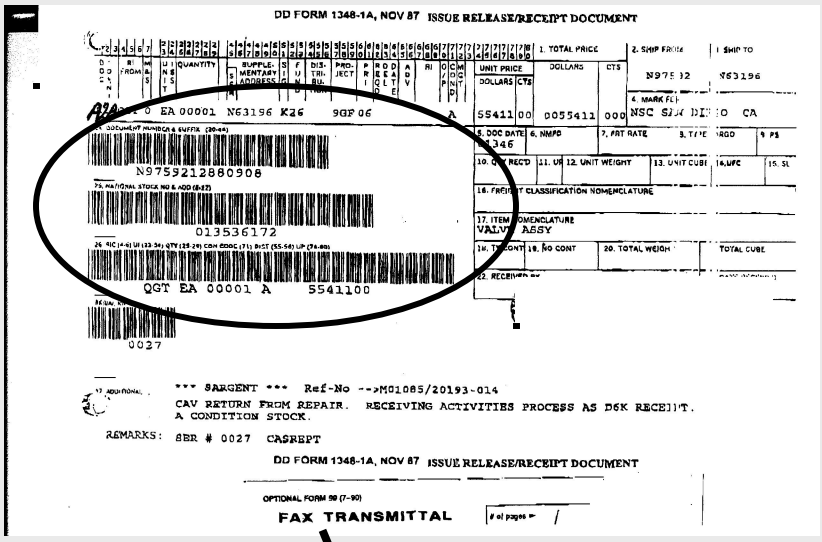
SNT

SAP Inerface

SAP 2.0

MATL MASTER FILE

Information System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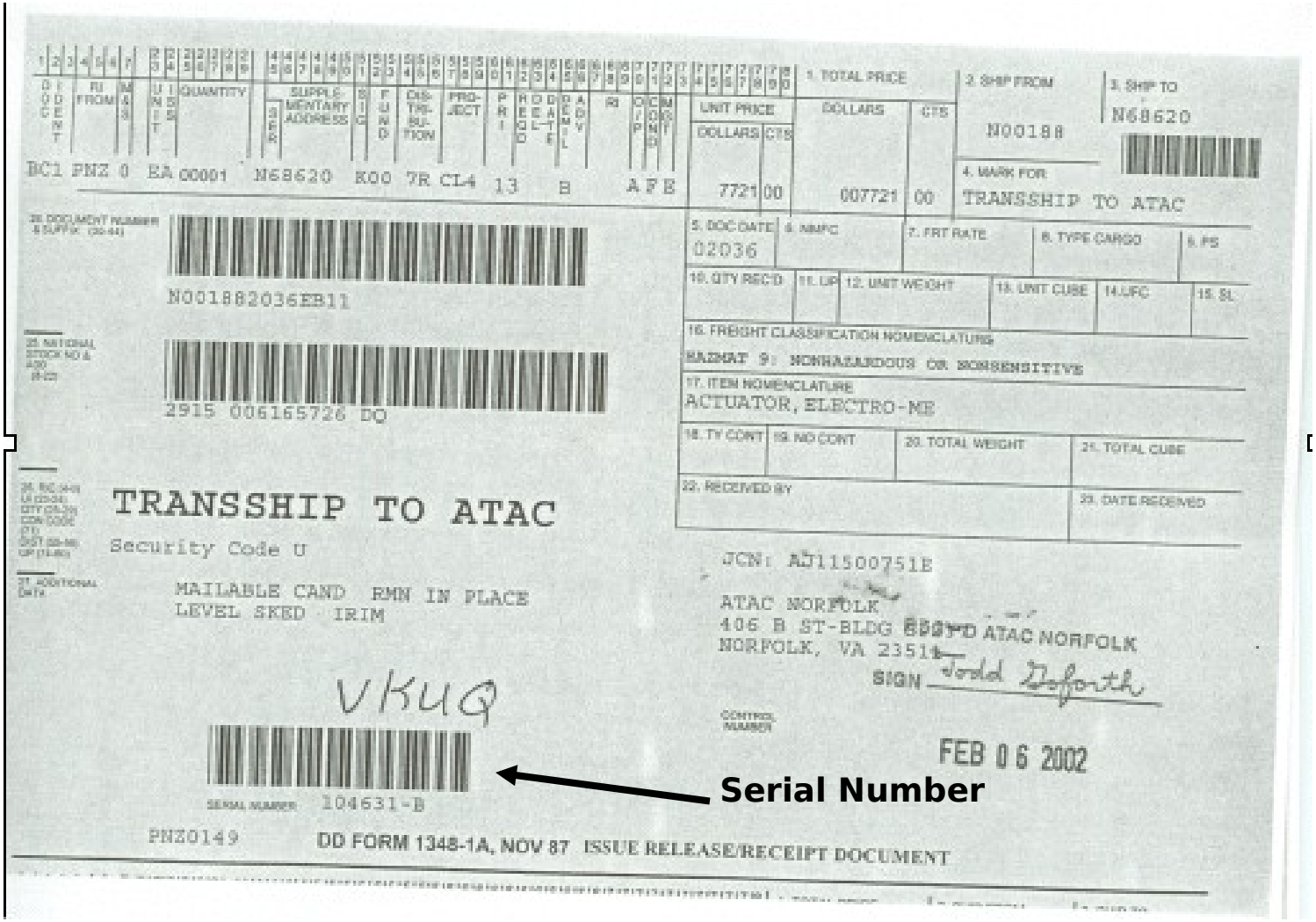
CAV RETURN FROM REPAIR. RECEIVING ACTIVITIES PROCESS AS D6K RECEIPT.
A CONDITION STOCK.
REMARKS: SER # 0027 CASREPT
DD FORM 1348-1A, NOV 87 ISSUE RELEASE/RECEIPT DOCUMENT
OPTIONAL FORM 99 (7-90)
FAX TRANSMITTAL

Documents
Receipts – Yes
Stow – Future

Bar Codes
3 of 9 – Yes
2D - Future

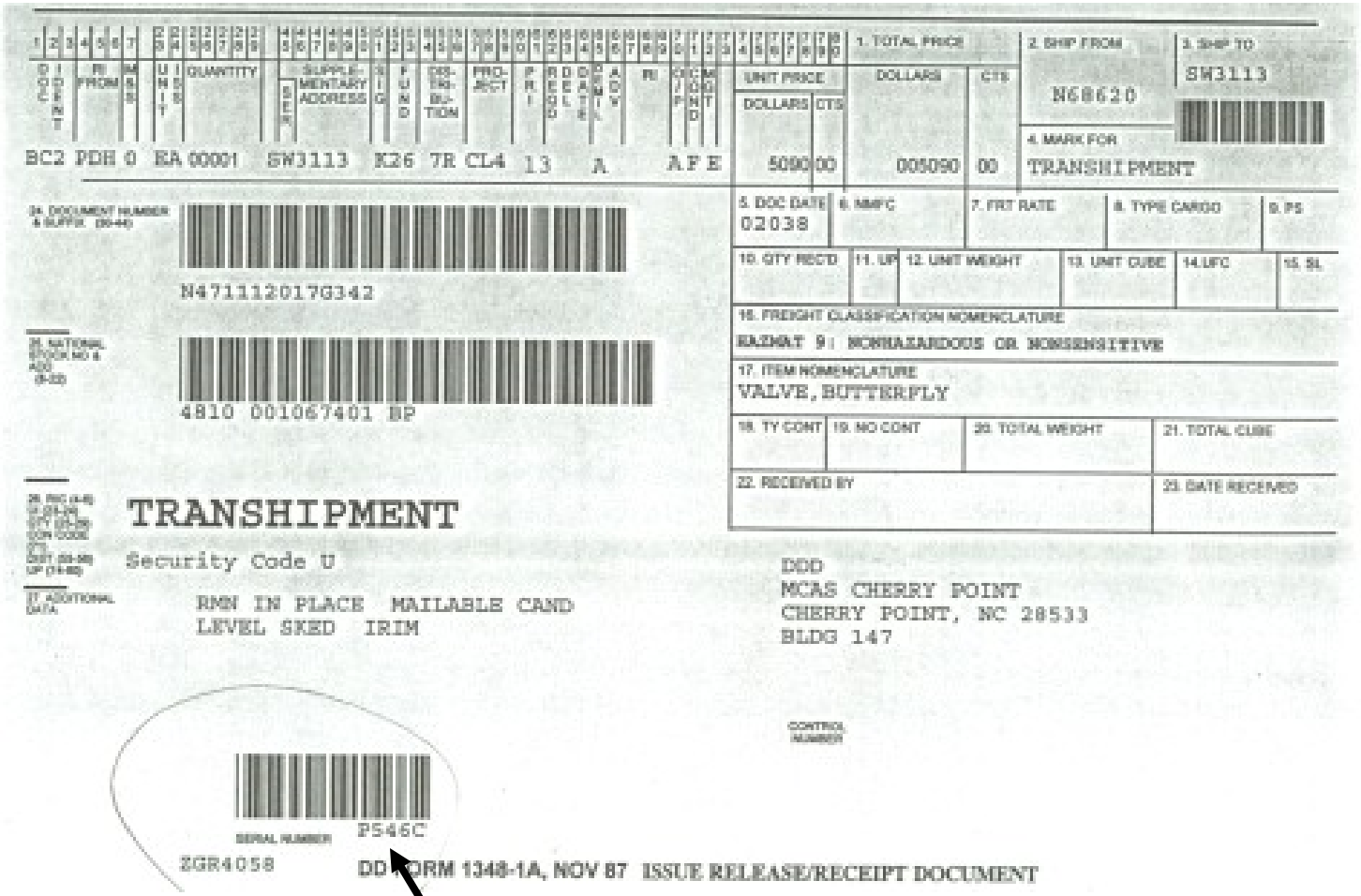
Retrograde from Customer

Other Interfaces



Retrograde to DD

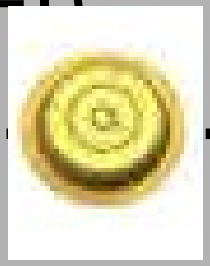
Other Interfaces

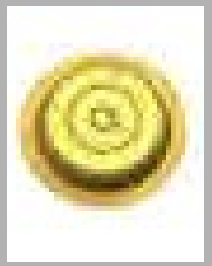


Serial Number

Contract Language

Vendor shall adhere contact memory button in accordance with published CMB Application Procedures included with Government Furnished Information (GFI)





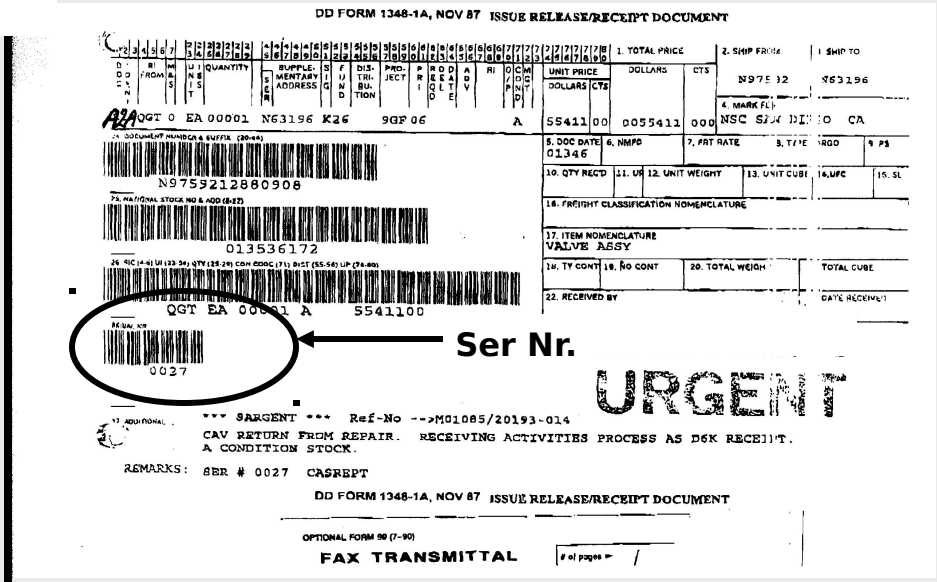
Contracts

Package marking

PDF417 2D

Cage: 02059
PN:102770-351
Ser: 6694
NSN 7025011415888
CONT: N00104-98-T-0023
Name: Magnetic Tape
U/I: EA
QTY: 1

Invoices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0027

Ser Nr.

URGENT

*** SARGENT *** Ref-No -->M01085/20193-014
CAV RETURN FROM REPAIR. RECEIVING ACTIVITIES PROCESS AS D6K RECEIPT.
A CONDITION STOCK.

REMARKS: SER # 0027 CASREPT

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OPTIONAL FORM 99 (7-90)
FAX TRANSMITTAL

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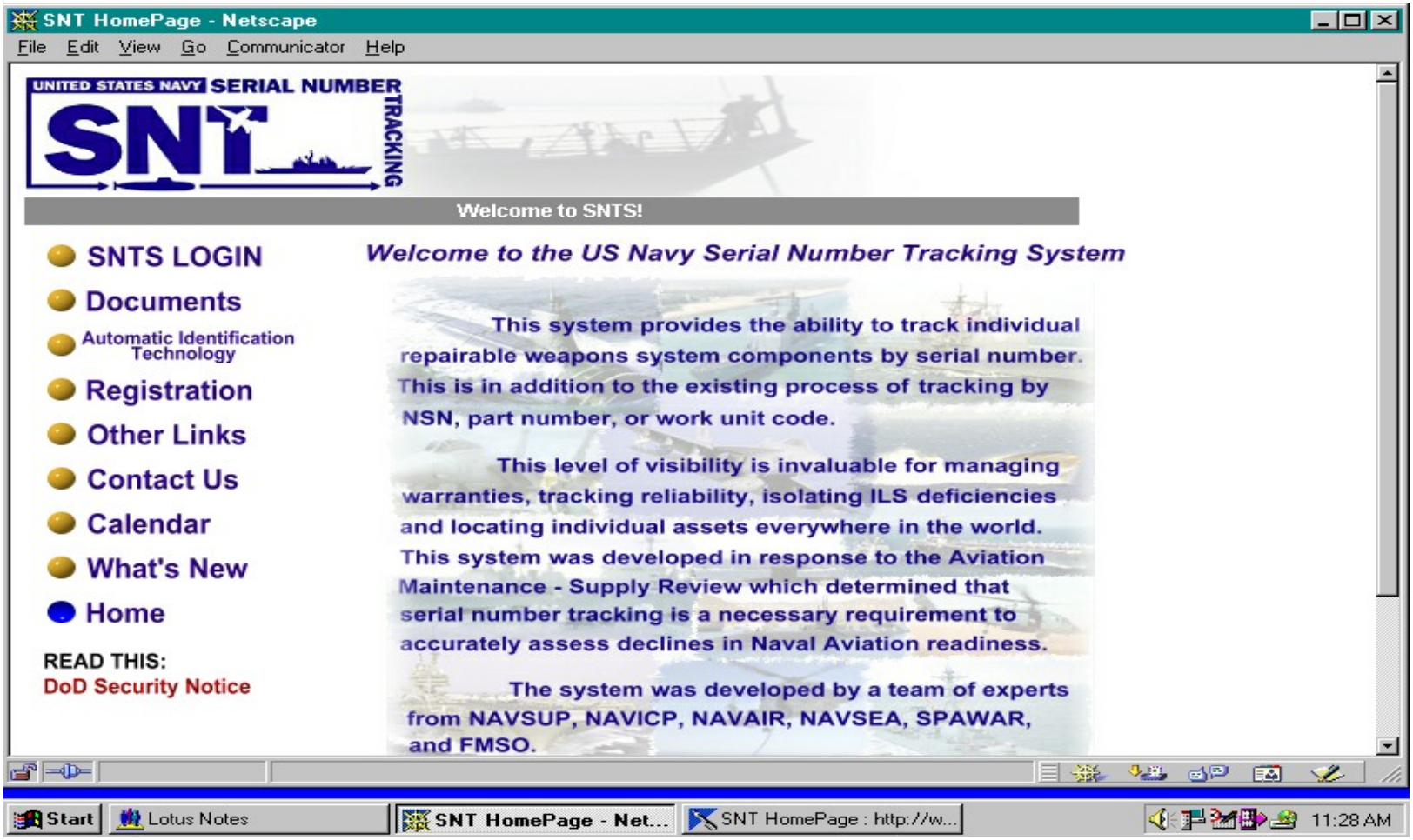
www.snt.navsup.navy.mil
New Homepage

UNITED STATES NAVY SERIAL NUMBER TRACKING SNT

Web Page


SNT HomePage - Netscape
File Edit View Go Communicator Help
UNITED STATES NAVY SERIAL NUMBER TRACKING SNT
Welcome to SNTS!
SNTS LOGIN
Documents
Automatic Identification Technology
Registration
Other Links
Contact Us
Calendar
What's New
Home
READ THIS:
DoD Security Notice
Welcome to the US Navy Serial Number Tracking System
This system provides the ability to track individual repairable weapons system components by serial number. This is in addition to the existing process of tracking by NSN, part number, or work unit code.
This level of visibility is invaluable for managing warranties, tracking reliability, isolating ILS deficiencies and locating individual assets everywhere in the world. This system was developed in response to the Aviation Maintenance - Supply Review which determined that serial number tracking is a necessary requirement to accurately assess declines in Naval Aviation readiness.
The system was developed by a team of experts from NAVSUP, NAVICP, NAVAIR, NAVSEA, SPAWAR, and FMSO.
Start
Lotus Notes
SNT HomePage - Net...
SNT HomePage : http://w...
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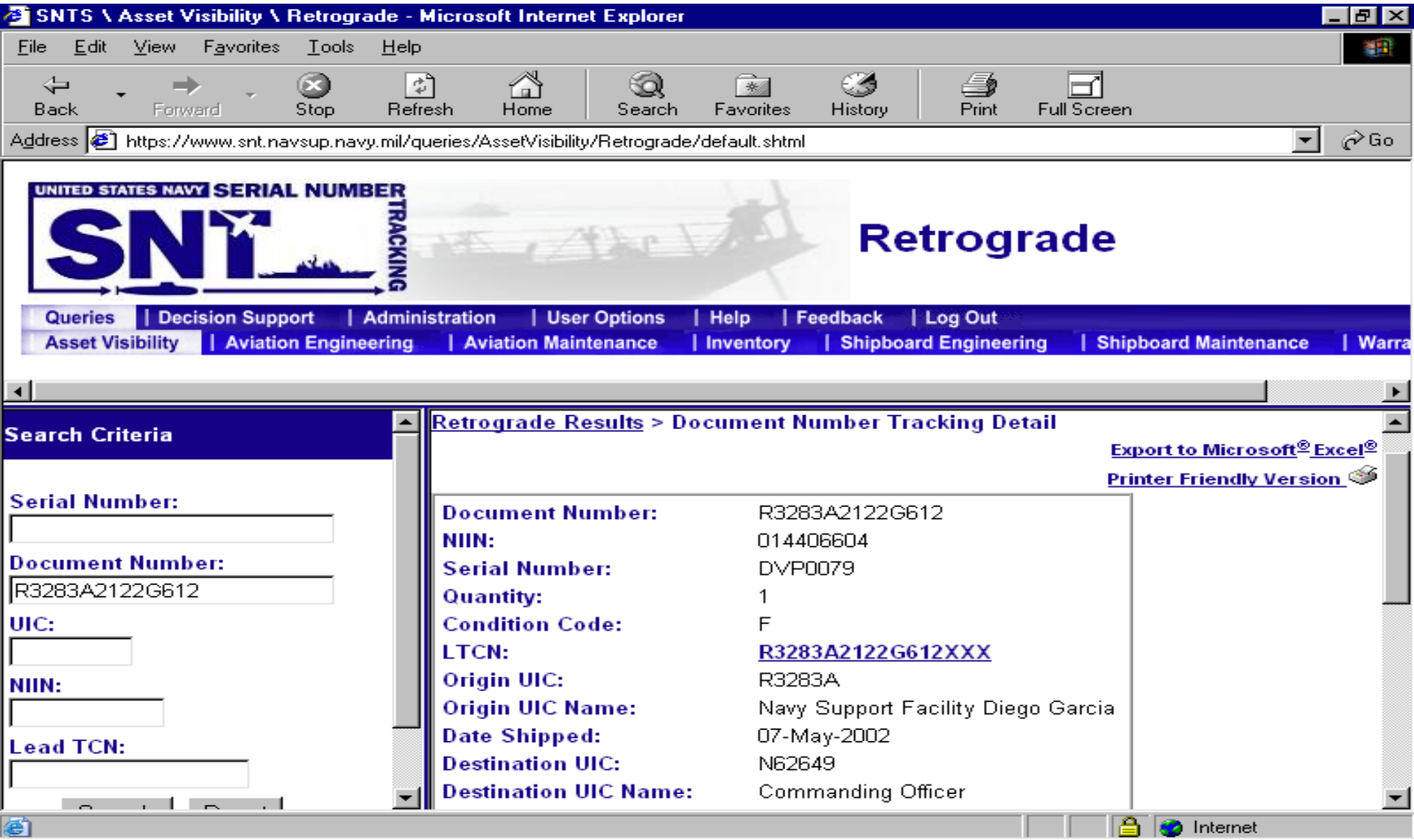
SNT WEB PAGE QUERY RESULTS

UNITED STATES NAVY SERIAL NUMBER TRACKING SNT
Decision Support


SNTS \ Asset Visibility \ Retrograde - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Full Screen
Address https://www.snt.navsup.navy.mil/queries/AssetVisibility/Retrograde/default.shtml
Go
UNITED STATES NAVY SERIAL NUMBER TRACKING SNT
Retrograde
Queries | Decision Support | Administration | User Options | Help | Feedback | Log Out
Asset Visibility | Aviation Engineering | Aviation Maintenance | Inventory | Shipboard Engineering | Shipboard Maintenance | Warra
Search Criteria
Serial Number:
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UIC:
NIIN:
Lead TCN:
Retrograde Results > Document Number Tracking Detail
Export to Microsoft® Excel®
Printer Friendly Version
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Origin UIC Name: Navy Support Facility Diego Garcia
Date Shipped: 07-May-2002
Destination UIC: N62649
Destination UIC Name: Commanding Officer
Internet

RELIABILITY

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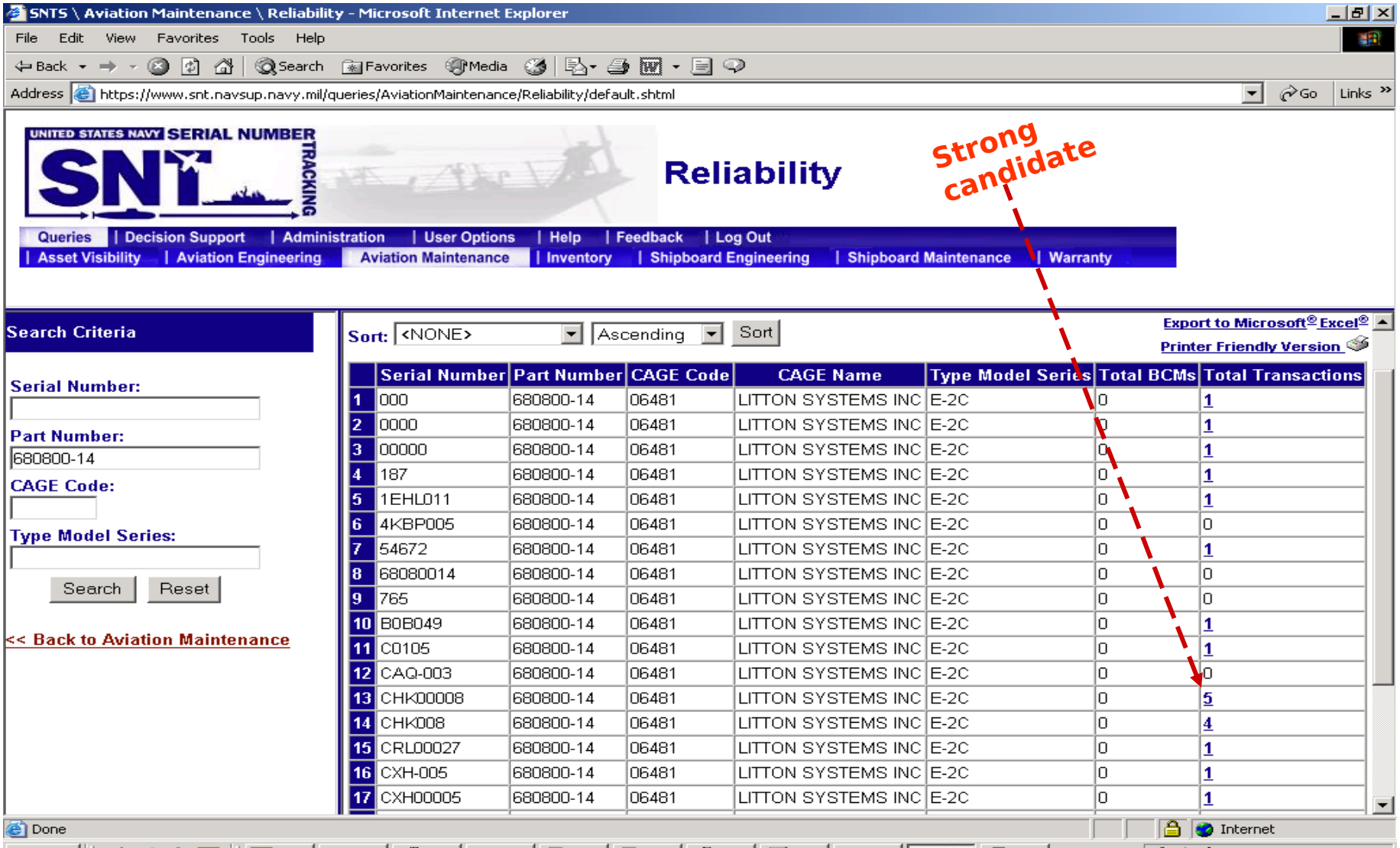
Decision Support


SNTS \ Aviation Maintenance \ Reliability - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://www.snt.navsup.navy.mil/queries/AviationMaintenance/Reliability/default.shtml
Go Links
UNITED STATES NAVY SERIAL NUMBER TRACKING SNT
Reliability
Strong candidate
Queries | Decision Support | Administration | User Options | Help | Feedback | Log Out
Asset Visibility | Aviation Engineering | Aviation Maintenance | Inventory | Shipboard Engineering | Shipboard Maintenance | Warranty
Search Criteria
Serial Number:
Part Number:
680800-14
CAGE Code:
Type Model Series:
Search Reset
<< Back to Aviation Maintenance
Sort: <NONE> Ascending Sort
Export to Microsoft® Excel®
Printer Friendly Version
Serial Number | Part Number | CAGE Code | CAGE Name | Type Model Series | Total BCMs | Total Transactions
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2 0000 680800-14 06481 LITTON SYSTEMS INC E-2C 0 1
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4 187 680800-14 06481 LITTON SYSTEMS INC E-2C 0 1
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SAP 2.5

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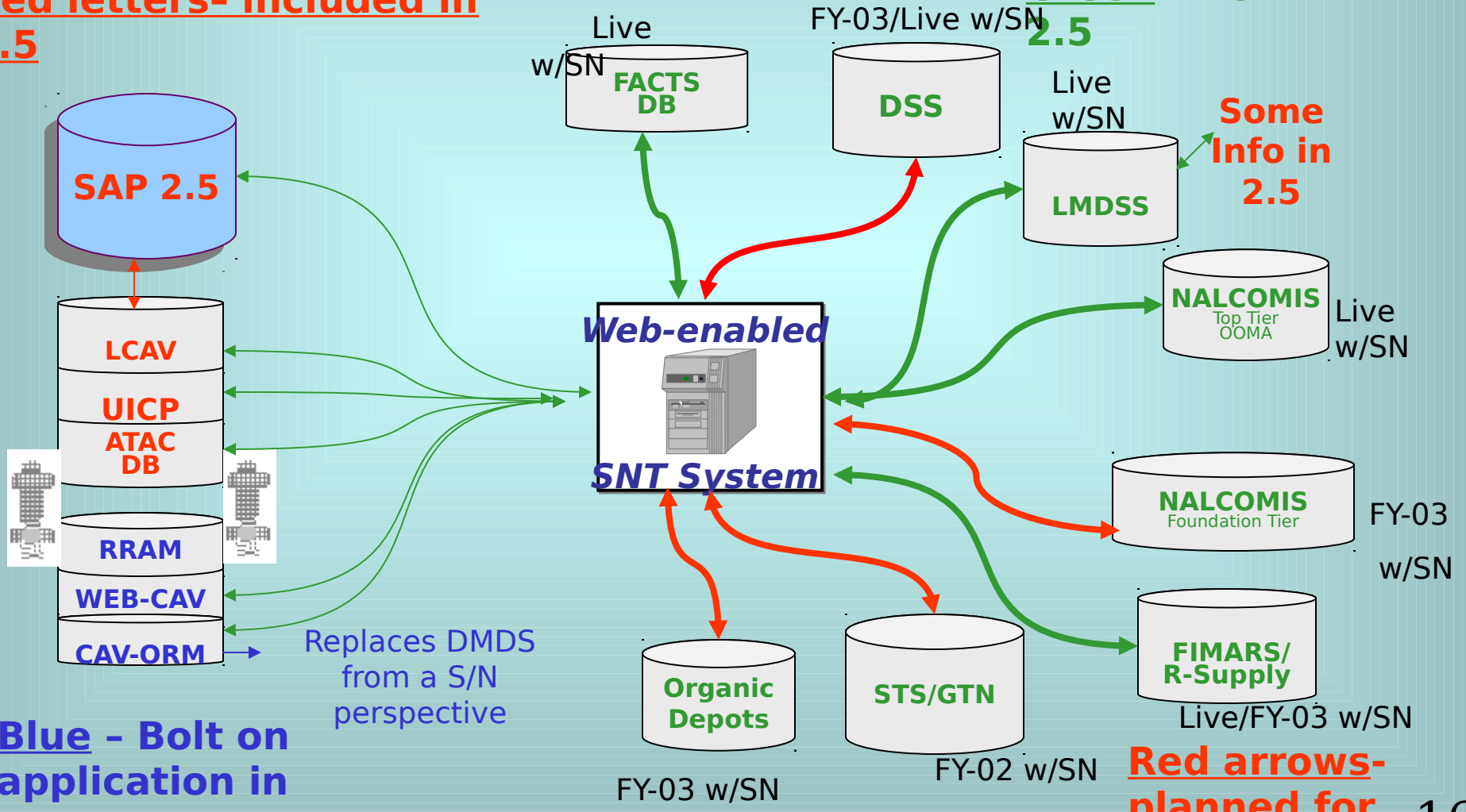

SUMMARY

- Project well underway
- Aviation Implementation Plan rollout
  - NAVAIR/NAVSUP Joint Effort
  - Parts marking by Type Model Series of A/C underway
- SNTS Web Application on line
  - SAP will provide additional SNT visibility
- SAP/AIT/SNT Intertwined